

Dialogue Not Monologue: Technology and Effective Student Discourse

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Today's Goals:

1. Discuss the variety of research and content standards that make effective student discourse essential.
2. Explore tools to enhance effective classroom dialogue.



Startling Statistics



Teacher Talk



“One of the difficulties of so much teacher talk is that *it demonstrates to students that teachers are the owners of subject content*... It reduces the opportunities for students to impose their own prior achievement, understanding, sequencing, and questions.”

Visible Learning for Teachers: Maximizing Impact on Learning - Hattie (2012)

Questioning Strategies



<http://tinyurl.com/TIE-Poll>

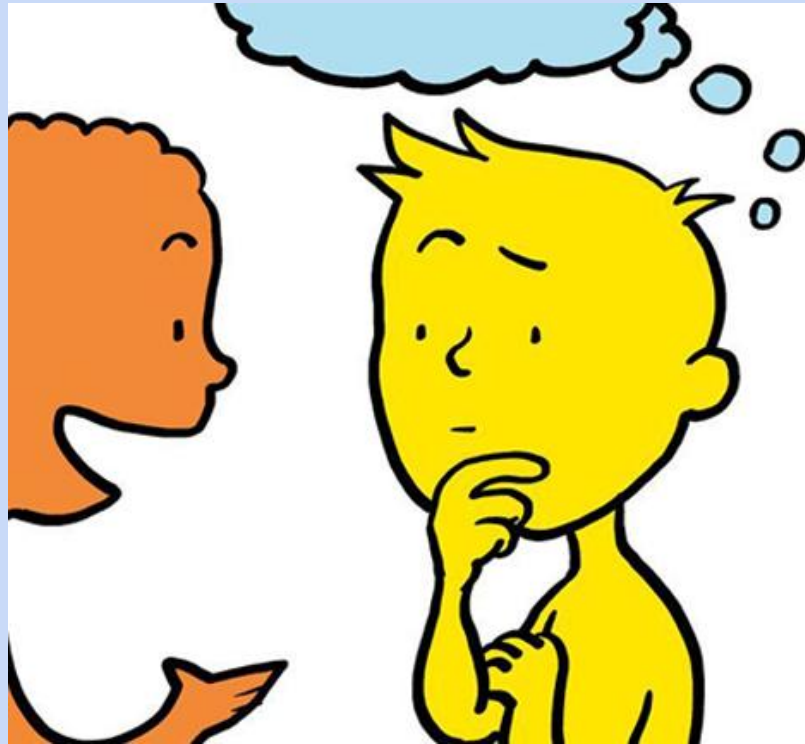


Often times the answer is not what's most important. What matters is the conversation.

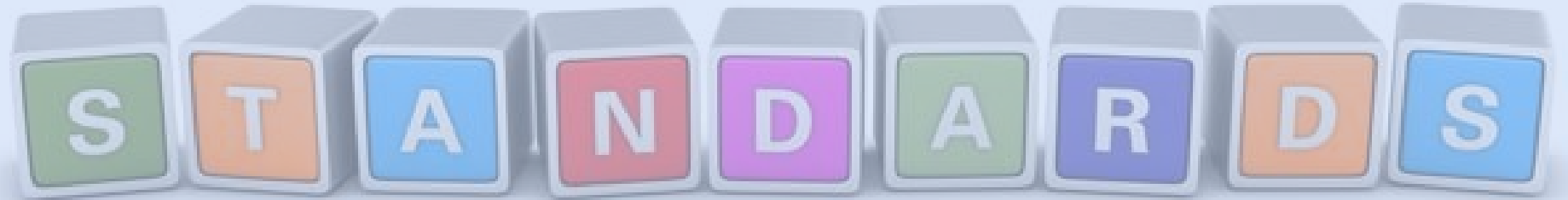
~Pete Hall



When you want to learn something new or solve a problem, what do you do?



What do the content standards say?



ELA Standards

- Initiate and participate effectively in a range of collaborative discussions with diverse partners on grade level topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
- Work with peers to set rules for collegial discussion and decision-making (e.g., informal consensus, taking votes on key issues, presentation of alternate views), clear goals and deadlines, and individual roles as needed.
- Propel conversations by posing and responding to questions that relate the current discussion to broader themes or larger ideas; actively incorporate others into the discussion; and clarify, verify, or challenge ideas and conclusions.

Mathematics Standards

Standards for Mathematical Practice

- Make sense of problems and persevere in solving them.
- Construct viable arguments and critique the reasoning of others.
- Attend to precision. “Mathematically proficient students try to communicate precisely to others.”

Social Studies Standards (from CCSS)

- Analyze in detail a series of events described in a text; determine whether earlier events caused later ones or simply preceded them.
- Integrate and evaluate multiple sources of information presented in diverse formats and media (e.g. visually, quantitatively, as well as in words) in order to address a question or solve a problem.

The Science Practices in the Standards

1. Asking questions

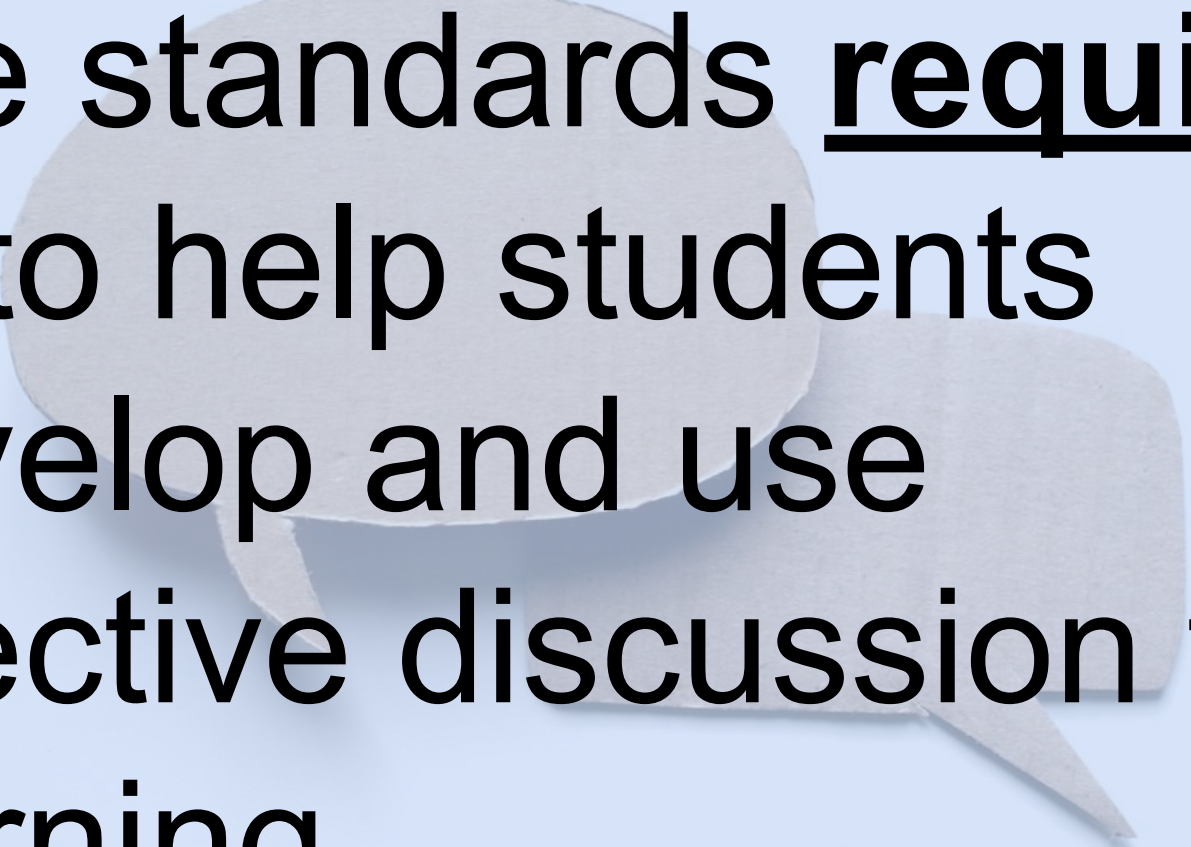
6. Constructing explanations

7. Engaging in argument from evidence

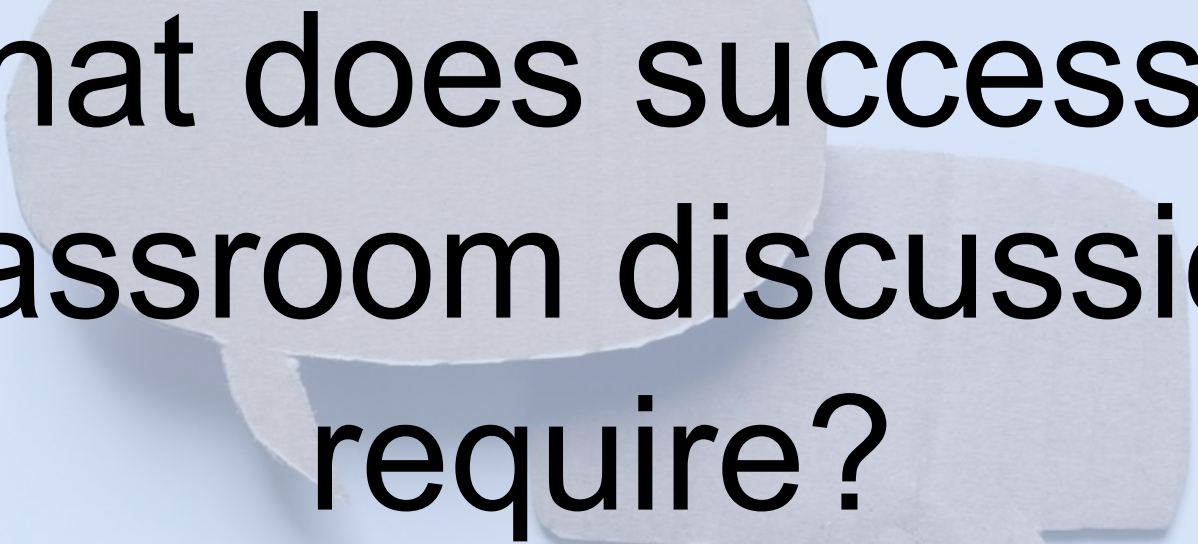
8. Obtaining, evaluating, and communicating information

Technology Standards

- Collaborate with external peers, experts, and other by using technology to compile, synthesize, produce and disseminate information, models, and other creative works.
- Utilize a virtual learning environment as a strategy to build 21st Century learning skills (critical thinking skills, collaboration, information and literacy skills, decision making)



The standards **require**
us to help students
develop and use
effective discussion for
learning.

The image features two overlapping speech bubbles made of light brown, textured paper. The top bubble is partially obscured by the bottom bubble. The background is a solid light blue color.

What does successful
classroom discussion
require?

Classroom Culture

- Every voice is valued
- Embrace diversity
- Norms
- Strategies

Norms

EXAMPLES:

- Be fully present.
- Speak from your heart and listen with your heart.
- Everyone has something to offer, and everyone has something to learn.
- Pay attention to what others need.
- You have the right to ask for help and the duty to assist.
- No one is done until everyone is done.
- Be willing to experience discomfort.
- Teach and treat each other with dignity.

Strategies

Roles

Grouping

Task Cards

Talking Chips or Talking Sticks

Campfire Mode

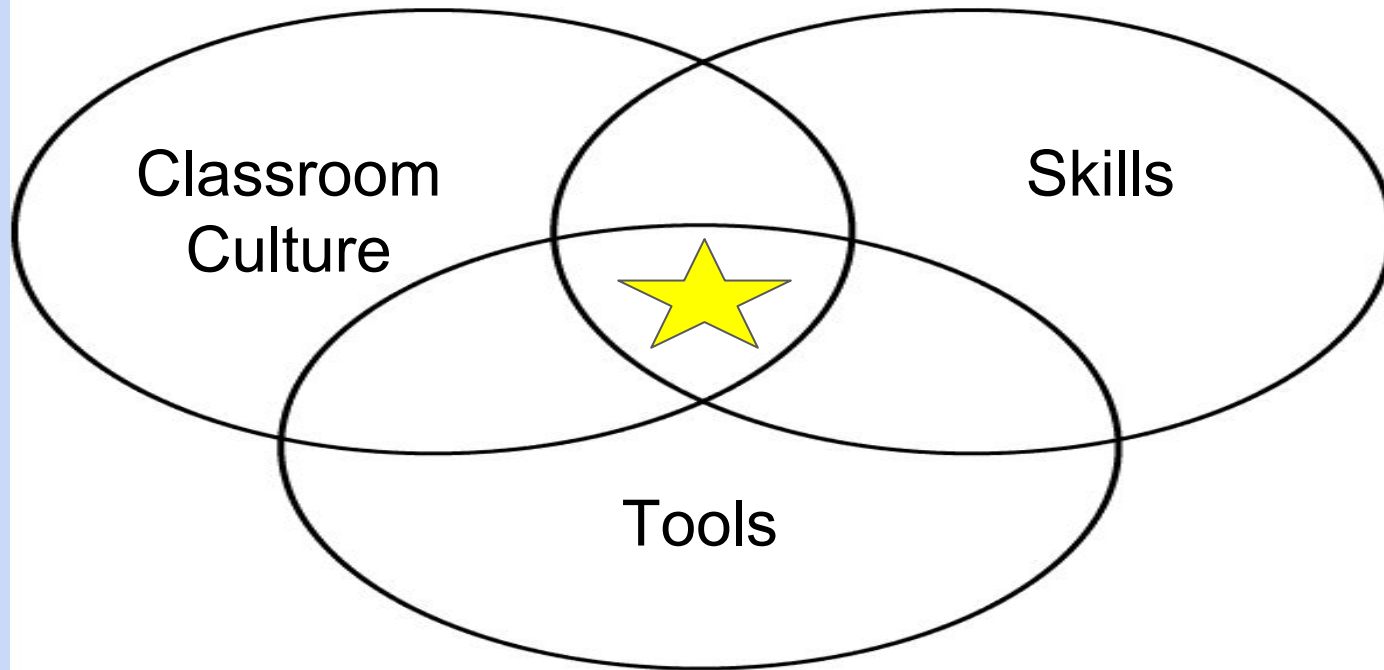
Productive Struggle

Skills to be Explicitly Taught and Practiced

- How to listen
- How to disagree respectfully
- How to ask good questions
- How to participate equitably
- How to share the workload

Tools for...

- Collaboration
- Summarizing
- Creation
- Asking Questions
- Solving Problems



What does success look like?

How do I use _____ to **make the learning visible** through dialogue?

- Google Docs
- Google Classroom
- [Thinglink](#)
- [Quizlet](#)
- [Ed Puzzle](#)
- Blogs
- [Kahoot](#)
- Twitter
- LMS
- Padlet
- [Fake iPhone texts](#)
- Wikispaces
- BackChannels
- Evernote
- [Diigo](#)
- [Edmodo](#)

Creation vs. Consumption

ORID - The Art of Focused Conversation

- O - What did you learn today?
- R - What were you thinking when we talked about the startling statistics?
- I - What is the evidence that will convince you that you have effective dialogue in your classroom?
- D - What one specific change, addition, or refinement will you make to increase dialogue when you return?

Contact Me

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